

## ABSTRACT

The present invention generally relates to polymers, including substrate polymers and hybrid polymers, having co-continuous architecture. The co-continuous architecture of the polymers of the present invention facilitates accessibility of functional groups to an external environment thereby making the polymers useful for a number of applications including solid phase chemistry, chromatography, and diagnostics. The present invention provides a number of methods for generating substrate polymers and hybrid polymers having co-continuous architecture including methods of grafting and macroporous formulation.

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